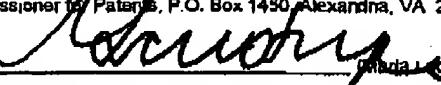


|  |                                |                             |                  |   |
|--|--------------------------------|-----------------------------|------------------|---|
| <b>AMENDMENT TRANSMITTAL LETTER</b>  |                                |                             |                  | Docket No.<br>YAI-001<br>(formerly PPI-117) |
| Application No.<br>09/643260-Conf. #9021   | Filing Date<br>August 22, 2000 | Examiner<br>R. Mitra        | Art Unit<br>1653 |   |
| Applicant(s): Michael J. May et al.  |                                |                             |                  |   |
| Invention: INHIBITION OF NF-KB ACTIVATION BY BLOCKADE OF IKKB-NEMO INTERACTIONS AT THE NEMO BINDING DOMAIN   |                                |                             |                  |   |
| <b>TO THE COMMISSIONER FOR PATENTS</b>   |                                |                             |                  |   |
| Transmitted herewith is an amendment in the above-identified application.  |                                |                             |                  |   |
| The fee has been calculated and is transmitted as shown below.   |                                |                             |                  |   |
| <b>CLAIMS AS AMENDED</b>   |                                |                             |                  |   |
| Claims Remaining After Amendment   | Highest Number Previously Paid | Number Extra Claims Present | Rate             |   |
| Total Claims   | 25                             | - 30 =                      | x                | 0.00  |
| Independent Claims   | 3                              | - 9 =                       | x                | 0.00  |
| Multiple Dependent Claims (check if applicable) <input checked="" type="checkbox"/>  |                                |                             |                  | 0.00  |
| Other fee (please specify): Extension for response within first month  |                                |                             |                  | 55.00                                       |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>  |                                |                             |                  | <b>55.00</b>                                |
| <input type="checkbox"/> Large Entity <input checked="" type="checkbox"/> Small Entity<br><input type="checkbox"/> No additional fee is required for this amendment<br><input checked="" type="checkbox"/> Please charge Deposit Account No. 12-0080 in the amount of \$ 55.00<br>A duplicate copy of this sheet is enclosed.<br><input type="checkbox"/> A check in the amount of \$ _____ to cover the filing fee is enclosed.<br><input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.<br><input checked="" type="checkbox"/> The Director is hereby authorized to charge and credit Deposit Account No. 12-0080<br>as described below. A duplicate copy of this sheet is enclosed.<br><input checked="" type="checkbox"/> Credit any overpayment.<br><input checked="" type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17 |                                |                             |                  |   |
| Dated: October 3, 2003   |                                |                             |                  |   |
| <br>Maria Laccotripe Zacharakis, Ph.D.<br>Attorney Reg. No. LRA<br>LAHIVE & COCKFIELD, LLP<br>28 State Street<br>Boston, Massachusetts 02109<br>(617) 227-7400  |                                |                             |                  |   |
| <b>COPY</b>  |                                |                             |                  |   |
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV365387548US, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  |                                |                             |                  |   |
| Dated: October 3, 2003 <input type="checkbox"/> Signature: <br>Maria Laccotripe Zacharakis, Ph.D.  |                                |                             |                  |   |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airtail No. EV365387548US, in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: October 3, 2003

Signature:

(Maria Laccottipe Zacharakis)

Docket No.: YAI-001  
(formerly PPI-117)  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:  
Michael J. May *et al.*

DEC 01 2003

Application No.: 09/643260

Art Unit: 1653

Filed: August 22, 2000

Examiner: Mitra, Rita

For: INHIBITION OF NF-KB ACTIVATION BY  
BLOCKADE OF IKKB-NEMO  
INTERACTIONS AT THE NEMO-BINDING  
DOMAIN

OFFICIAL

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO FINAL ACTION**

Dear Sir:

This communication is in response to the Final Office Action dated June 6, 2003 (Paper No. 13). Responsive to the Office Action, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.